

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|---------|------------------|
| S1 | 518 | 73/81.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/30 14:28 |
| S2 | 136 | 73/82.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/30 14:28 |
| S3 | 107 | 73/83.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/30 14:28 |
| S4 | 476 | 73/7.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/30 14:29 |
| S5 | 429 | 73/150R.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/30 14:31 |
| S6 | 2 | (("6502455") or ("5696327")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/30 14:52 |
| S7 | 45132 | (indent\$3 or scratch\$3) near6 (film or surface or coating) | US-PGPUB; USPAT | OR | ON | 2005/08/30 14:54 |
| S8 | 127969 | (electric\$2 adj circuit) | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:21 |
| S9 | 383791 | (coating or surface or film) near4 (substrate or under\$1layer) | US-PGPUB; USPAT | OR | ON | 2005/08/30 15:28 |
| S10 | 430 | S7 and S8 and S9 | US-PGPUB; USPAT | OR | ON | 2005/08/30 15:28 |
| S11 | 1570 | S1 S2 S3 S4 S5 | US-PGPUB; USPAT | OR | ON | 2005/08/30 15:29 |
| S12 | 2 | S10 and S11 | US-PGPUB; USPAT | OR | ON | 2005/08/30 15:31 |
| S13 | 11629 | (test\$3 or detect\$3 or measur\$3 or monitor\$3) near6 (hardness or durability or strength) near5 (film or surface or coating) | US-PGPUB; USPAT | OR | ON | 2005/08/30 15:34 |
| S14 | 107239 | electric\$2 near4 conductor | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:37 |
| S15 | 15 | S14 and S13 and S9 and S7 | US-PGPUB; USPAT | OR | ON | 2005/08/30 15:54 |
| S16 | 23 | S7 and S9 and S11 | US-PGPUB; USPAT | OR | ON | 2005/08/30 15:54 |
| S17 | 240245 | (electric\$2 near3 circuit) | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:21 |
| S18 | 43 | S17 and S13 and S7 | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:22 |
| S19 | 17 | S17 and S13 and S11 | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:22 |
| S20 | 206587 | electric\$2 near4 contact | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:37 |
| S21 | 16 | S20 and S7 and S11 | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:37 |

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|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|------------------|
| S22 | 10 | S21 not S19 not S16 | US-PGPUB; USPAT | OR | ON | 2005/08/30 16:37 |
| S23 | 3392 | (indent\$3 or scratch\$3) near6 (motion or move\$4 or oscillat\$4 or reciprocat\$4) | US-PGPUB; USPAT | OR | ON | 2005/08/31 10:23 |
| S24 | 518 | 73/81.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/31 09:56 |
| S25 | 136 | 73/82.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/31 09:56 |
| S26 | 107 | 73/83.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/31 09:56 |
| S27 | 476 | 73/7.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/31 09:56 |
| S28 | 429 | 73/150R.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/31 09:56 |
| S29 | 1570 | S24 S25 S26 S27 S28 | US-PGPUB; USPAT | OR | ON | 2005/08/31 09:56 |
| S30 | 71 | S23 and S29 | US-PGPUB; USPAT | OR | ON | 2005/08/31 09:57 |
| S31 | 2020 | (measur\$5 or detect\$5 or monitor\$5 or test\$5) near4 (surface or film or coating) near6 (fatigue or wear or lifetime) | US-PGPUB; USPAT | OR | ON | 2005/08/31 10:25 |
| S32 | 13 | S23 and S31 | US-PGPUB; USPAT | OR | ON | 2005/08/31 10:25 |
| S33 | 54 | (comput\$5 or evaluat\$5) near4 integral near6 deviation | US-PGPUB; USPAT | OR | ON | 2005/08/31 11:16 |
| S34 | 46 | integrat\$5 near5 (deviation) near5 (voltage or current or resistance or capacitance or conductance or impedance) near7 (time or force or distance) | US-PGPUB; USPAT | OR | ON | 2005/08/31 11:18 |